

ClearFlood large BVP651

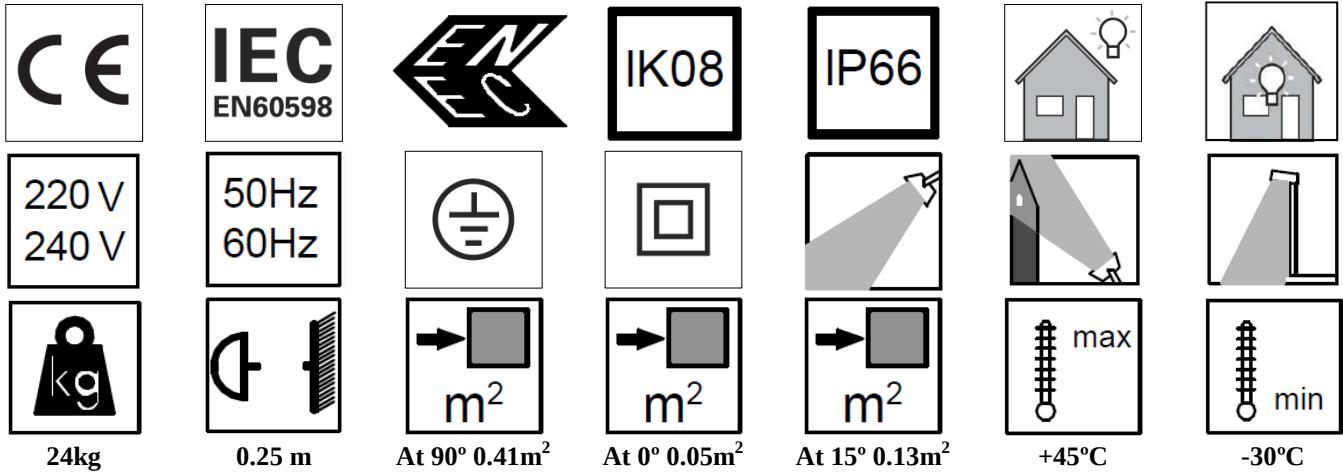
Mounting instructions

Instructions de montage
Montageanleitung
Montage instructie
Istruzioni di montaggio

Instrucciones de montaje
Instruções de montagem
Monteringsinstruktioner
Monteringsvejledning

Kokoonpano- ja kiinnitysohjeet
Montaj yönergesi
Οδηγίες συναρμολόγησης
Instrukcja montażu

Szerelési utasítások
Návod k montáži
Монтажная инструкция



Photobiological Risk	RG1
Inrush Current (230VAC) ($A_{pk}/\mu s/\%width$)	340/220/50
Maximum N° luminaires on MCB 16A B type	1
Maximum N° luminaires on MCB 16A C type	3
Luminaire Surge Protection	4KV
Luminaire Surge protection with SPD	10KV *

*Optional.

LINE	LAMPFLUX * NW / CW	LAMPFLUX * WW	SYSPower After 1 hr burning	L80B10 (Tamb=25°C)	L80B10 (Tamb=45°C)	T range indoor	T range outdoor	PF
ECO	65 klm	57 klm	549 W	71 khr	59 khr	-30°C +35°C	-30°C +45°C	> 0.9
ECO	60 klm	53 klm	488 W	80 khr	69 khr			
ECO	55 klm	49 klm	433 W	87 khr	80 khr			
ECO	50 klm	44 klm	383 W	93 khr	92 khr			
ECO	45 klm	40 klm	336 W	> 100 khr	> 100 khr			
ECO	40 klm	36 klm	293 W	> 100 khr	> 100 khr			
ECO	35 klm	31 klm	252 W	> 100 khr	> 100 khr			

* Flux values at Tamb indoor=25°C and Tamb outdoor=35°C

Lamp flux tolerance $\pm 6.5\%$

System power tolerance $\pm 10\%$

Tc max. of PCBA =100°C measured in LED N° 19 at Tamb outdoor=45°C with the luminaire in flat position.

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Data subject to change

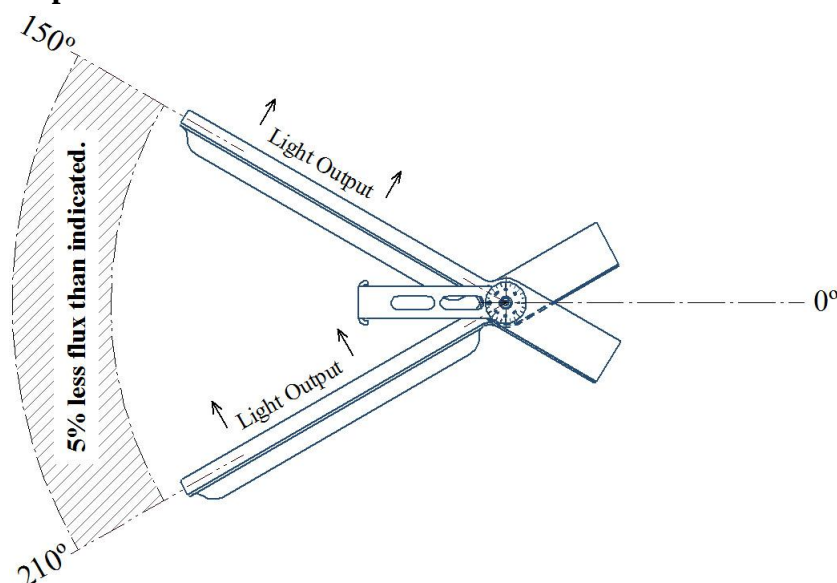
www.philips.com/lighting

PHILIPS

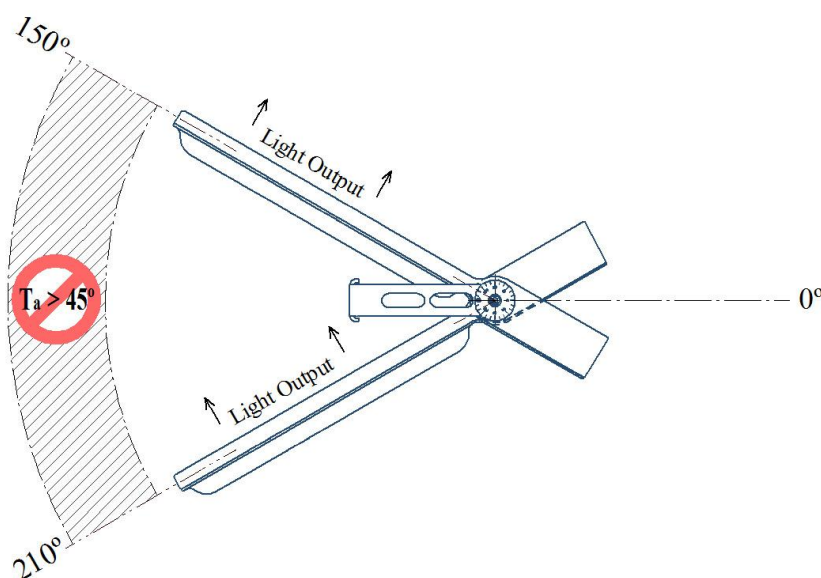
Flux reduction with ambient temperature:

$T_{\text{ambient}} = 25^{\circ}\text{C}$	+5°C	+10°C	+15°C	+20°C	+25°C
Flux Reduction (%)	-1%	-2%	-3%	-4%	-5%

Flux reduction with the position of the luminaire:

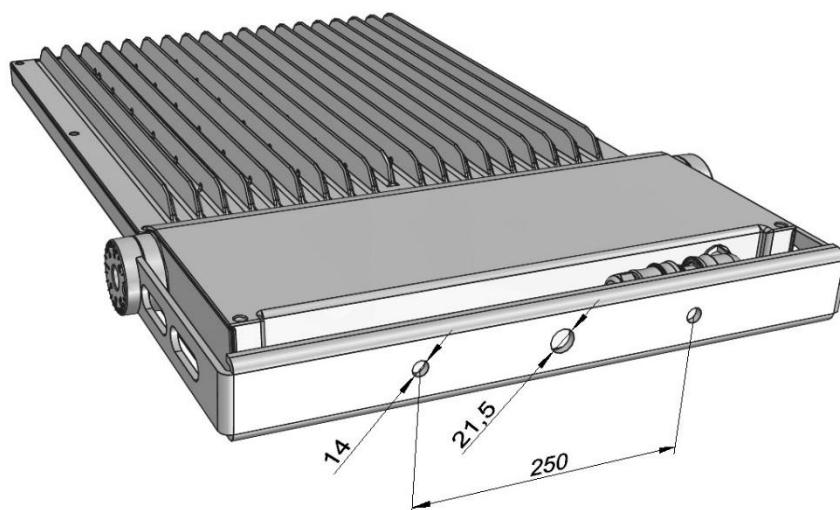
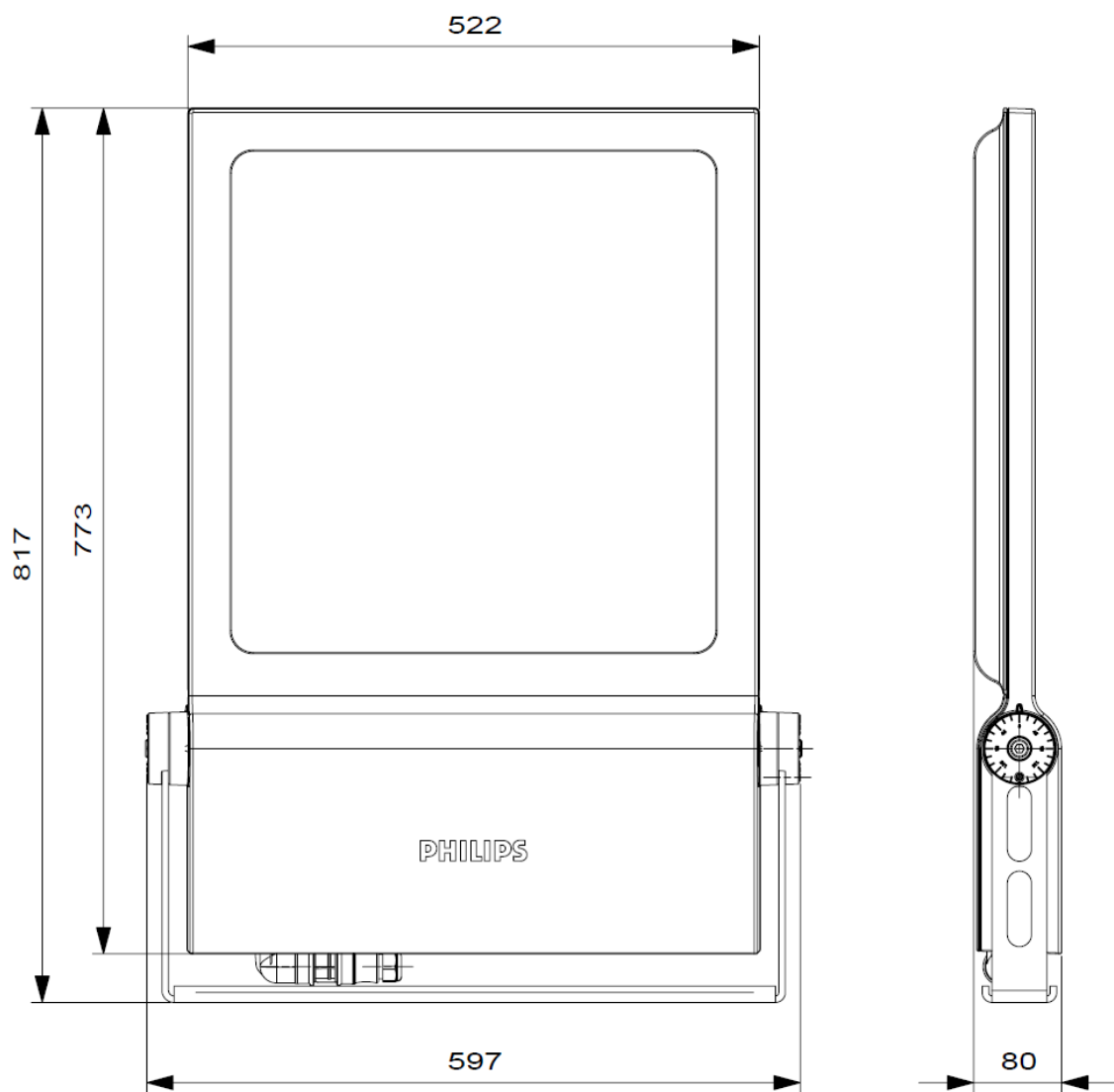


Position restrictions if $T_{\text{amb}} \geq 45^{\circ}\text{C}$:



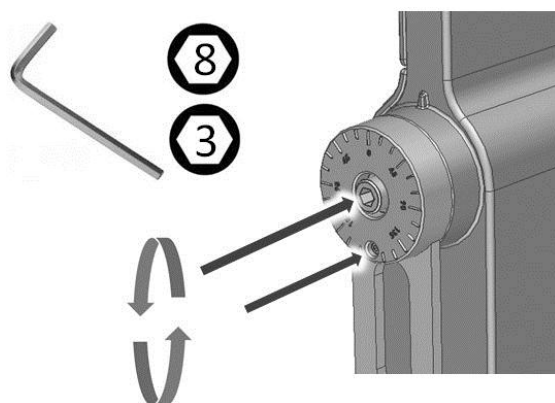
Luminaire and driver temperature protection:

If the temperature of the LEDs is too high the system will reduce the current to 50%. If it is still too hot it will switch off.
If the driver is also too warm, it dimm the current output. If the heat remains, it switches off.
Power will return automaticaly when the temperature has dropped again.

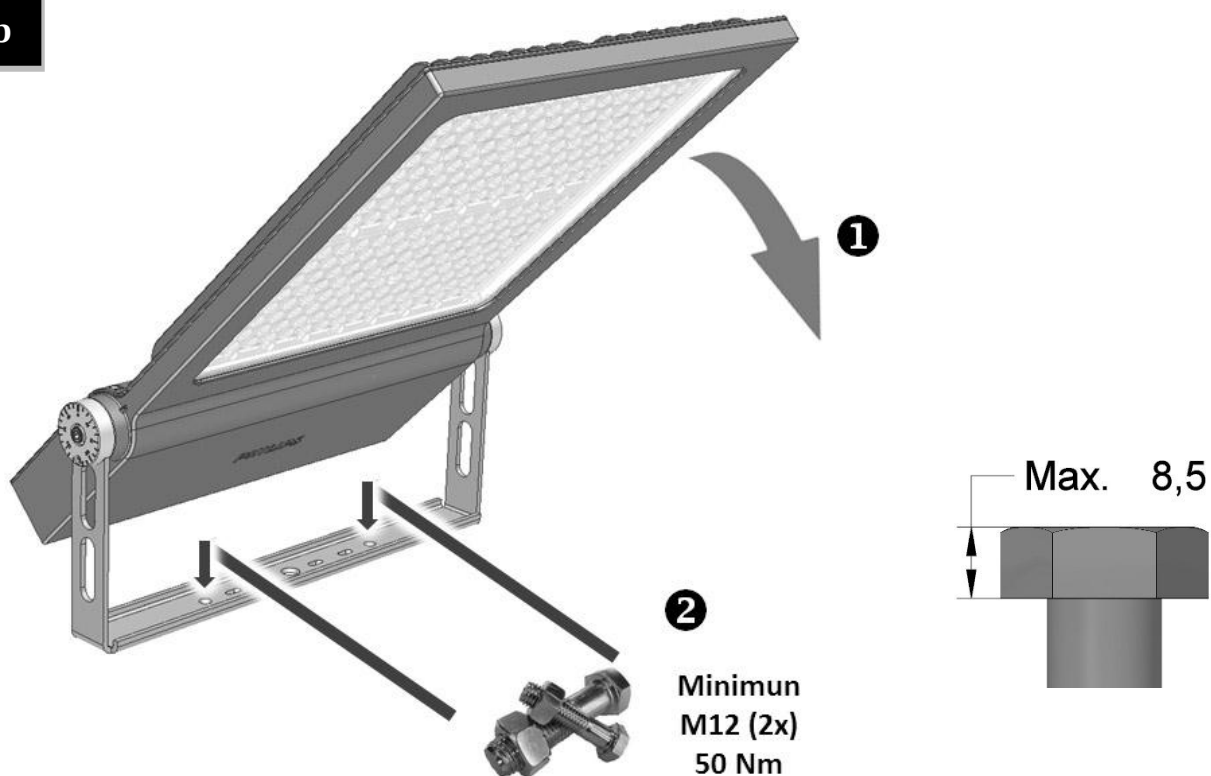


Attention: The central hole (21,5mm) is not allowed for fixation purposes. It's only useful for the passage of cables.

1a



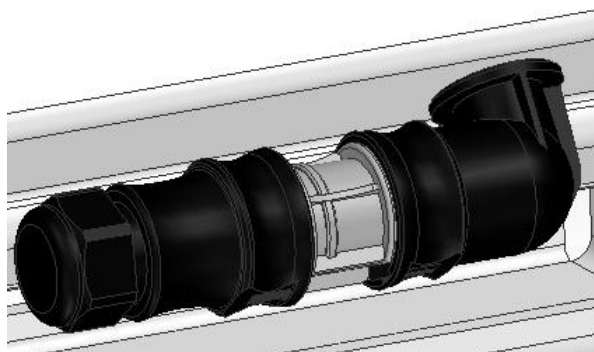
1b



CONNECTIONS

Ø10-14 mm 2-4 mm²

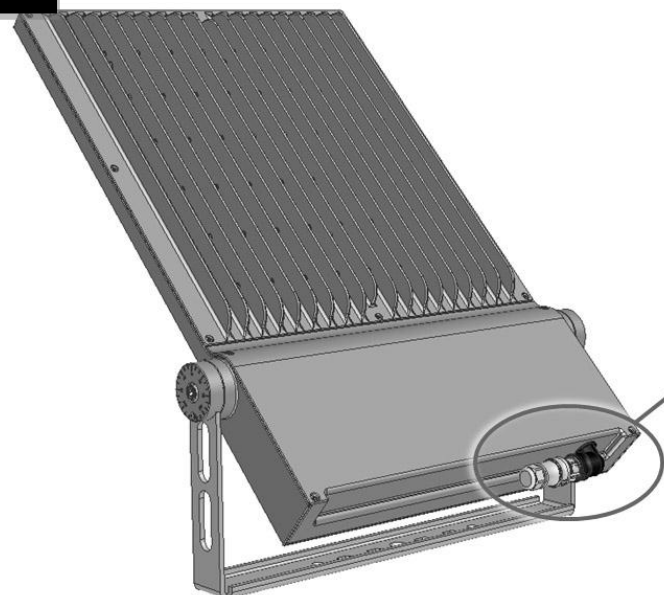
MAIN CONNECTOR



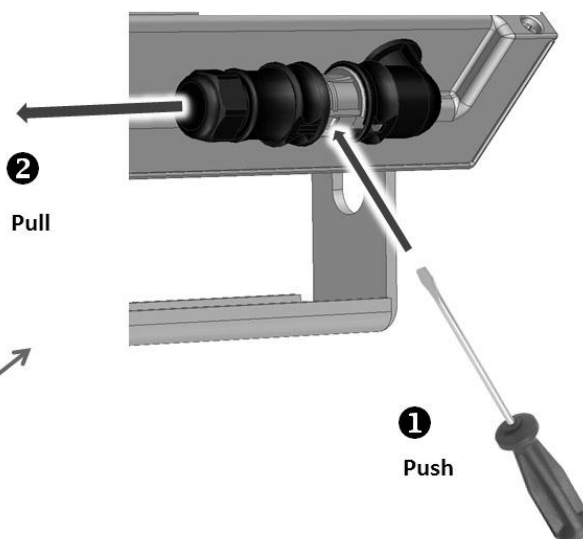
SECONDARY CONNECTOR (2x)
(Only DALI IN/OUT versions)



2a



MAIN CONNECTOR



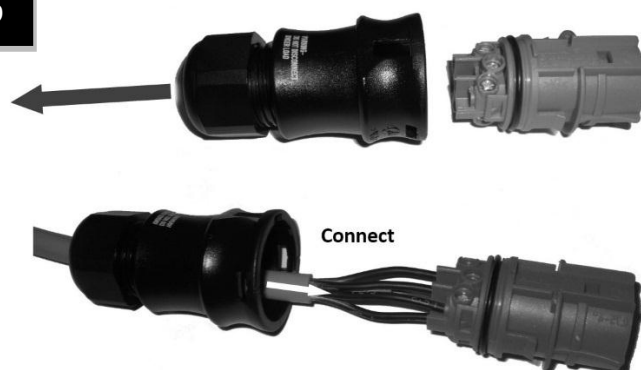
3a

MAIN CONNECTOR

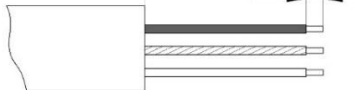
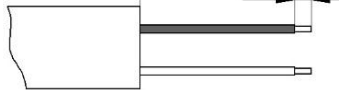


3b

MAIN CONNECTOR



CONNECTION POWER LINE

Main Connector CLASS I			Main Connector CLASS II		
	L	LINE		1	LINE
		EARTH		2	-
	N	NEUTRAL		3	NEUTRAL
	1	-		4	-
	2	-		5	-

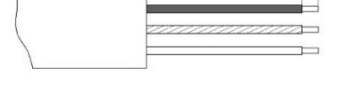
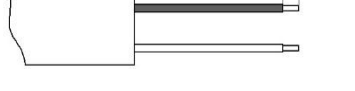
CONNECTION POWER LINE & CONTROL LINE

Main Connector CLASS I			Main Connector CLASS II		
	L	LINE		1	LINE
		EARTH		2	-
	N	NEUTRAL		3	NEUTRAL
	1	Lc		4	Lc
	2	Nc		5	Nc

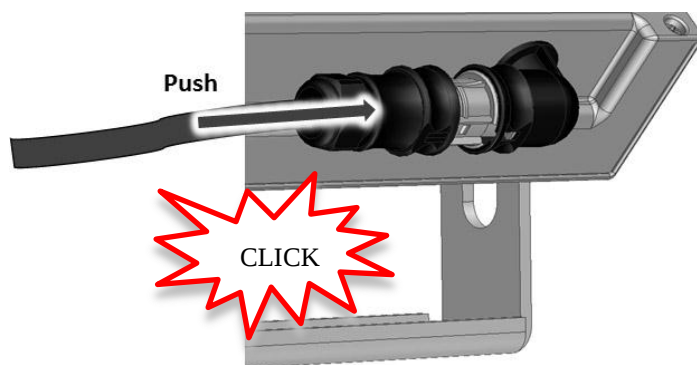
CONNECTION POWER LINE & DALI

Main Connector CLASS I			Main Connector CLASS II		
	L	LINE		1	LINE
		EARTH		2	-
	N	NEUTRAL		3	NEUTRAL
	1	DALI		4	DALI
	2	DALI		5	DALI

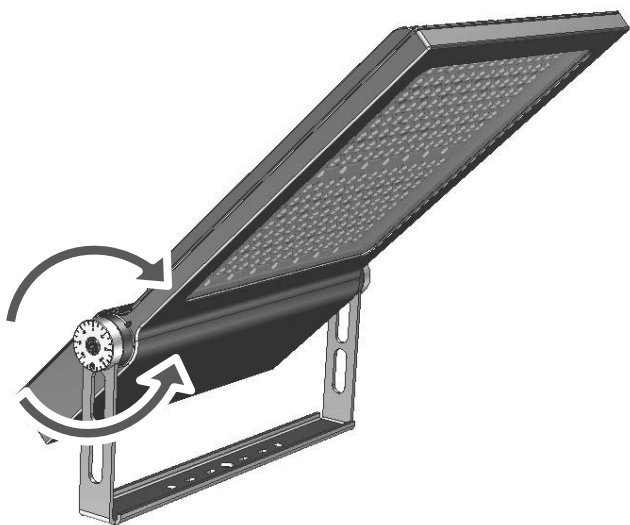
CONNECTION POWER LINE & DALI IN/OUT

Main Connector CLASS I			Main Connector CLASS II		
	L	LINE		1	LINE
		EARTH		2	-
	N	NEUTRAL		3	NEUTRAL
	1	-		4	-
	2	-		5	-
Secondary Connector CLASS I			Secondary Connector CLASS II		
	1	DALI		1	DALI
	2	DALI		2	DALI

4

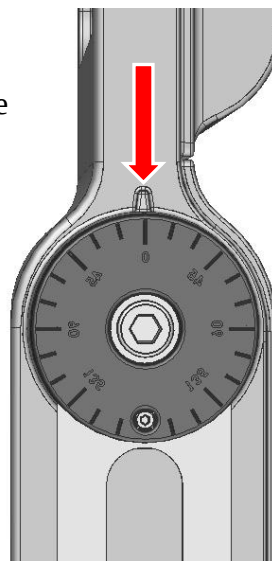


5a



5b

Reference
position



5c

